

RCA Type	Name	Out-line	Terminal Diagram	Heater or Filament (F)		Use Values to right give operating conditions and characteristics for indicated typical use
				Volts	Amperes	
4BZ7	Medium-Mu Twin Triode	63	9AJ	4.2	0.6	Each Unit as Class A Amplifier
4CY5	Sharp-Cutoff Tetrode	5C	7EW	4.5	0.3	Class A Amplifier
4DT6	Sharp-Cutoff Pentode	5C	7EN	4.2	0.45	Class A Amplifier
4EH7	Semiremote-Cutoff Pentode	6C	9AQ	4.4	0.45	Class A Amplifier
4EJ7	Sharp-Cutoff Pentode	6C	9AQ	4.4	0.45	Class A Amplifier
4ES8	Variable-Mu Twin-Triode	6B	9AJ	4	0.6	Each Unit as Class A Amplifier Cascode-Type Amplifier
4ES8/ XCC189	Variable-Mu Twin Triode	6B	9AJ	4	0.6	Each Unit as Class A Amplifier
4EW6	Sharp-Cutoff Pentode	5C	7CM	4.2	0.6	Class A Amplifier
4GM6	Semiremote-Cutoff Pentode	5C	7CM	4.2	0.6	Class A Amplifier
4GS8	Sharp-Cutoff Pentode	6E	9LW	4.2	0.45	Class A Amplifier
4GS8/ 4BU8	Sharp-Cutoff Twin Pentode	6E	9LW	4.2	0.45	Class A Amplifier (With both sections operating)
4GX7	Medium-Mu Triode— Sharp-Cutoff Pentode	6B	5QA	4.2	0.6	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
4GZ5	Power Pentode	5C	7CV	4	0.6	Class A Amplifier
4HA5/ PC900	High-Mu Triode	5A	7GM	3.9	0.3	Class A Amplifier
4HA7	Dual Triode	8A	12FQ	4.2	0.6	Each Unit as Class A Amplifier
4HA7/ 4HC7	Dual Triode	8A	12FQ	4.2	0.6	Class A Amplifier
4HC7	Dual Triode	30E	12FR	4.2	0.6	Each Unit as Class A Amplifier
4HM6	Sharp-Cutoff Pentode	6B	9PM	4.2	0.45	Class A Amplifier
4HT6	Semiremote-Cutoff Pentode	6B	9PM	4.2	0.45	Class A Amplifier
4JC6	Sharp-Cutoff Pentode	6B	9PM	4.5	0.45	Class A Amplifier
4KN8/ 4RHH8	Medium-Mu Twin-Triode	6B	9AJ	4.2	0.6	Class A Amplifier
4LUG	Sharp-Cutoff Pentode	5C	7CM	4.2	0.6	Class A Amplifier
5AS4	Full-Wave Rectifier	27A	5T	5.0F	3.0	With Capacitive-Input Filter
5AS8	Diode—Sharp-Cutoff Pentode	6B	9DS	4.7	0.6	Class A Amplifier
5AU4	Full-Wave Rectifier	19G	5T	5.0F	3.75	With Capacitive-Input Filter With Inductive-Input Filter
5AV8	Medium-Mu Triode— Sharp-Cutoff Pentode	6B	9DZ	4.7	0.6	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
5AW4	Full-Wave Rectifier	19H	5T	5.0F	3.7	Rectifier
5AZ4	Full-Wave Rectifier	12C	5T	5.0F	2.0	
5B8	Medium-Mu Triode— Sharp-Cutoff Pentode	6B	9EC	4.7	0.6	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier
5BC3	Full-Wave Rectifier	17C	9QJ	5F	3	With Capacitive-Input Filter With Inductive-Input Filter
5BE8	Medium-Mu Triode—Sharp-Cutoff Pentode	6B	9EG	4.7	0.6	Triode Unit as Class A Amplifier Pentode Unit as Class A Amplifier

Plate	Grid Bias or Cathode Resistor	Screen Grid	Screen Grid Current	Plate Current	AC Plate Resistance	Trans-conductance	Amplification Factor	Power		RCA Type	
								Load	Output		
Volts		Volts	mA	mA	Ohms	Micromhos		Ohms	Watts		
For other characteristics, refer to Type 6BZ7										4BZ7	
125	— 1V	80	1.5	10	100000	8000	—	—	—	4CY5	
150	56Ω	100	2.1	1.1	150000	515	—	—	—	4DT6	
200	— 2	90	4.5	12	0.5	12500	—	—	—	4EH7	
200	— 2.5	200	4.1	10	0.35	15000	—	—	—	4EJ7	
For other characteristics, refer to Type 6ES8										4ES8	
For other characteristics, refer to Type 6ES8/ECC189										4ES8/ XCC189	
For other characteristics, refer to Type 6EW6										4EW6	
For other characteristics, refer to Type 6GM6										4GM6	
For other characteristics, refer to Type 4GS8/4BU8										4GS8	
100	—	67.5	6.0	—	Grid-No. 3 volts, each section, —10			—	—	4GS8/	
100	—	67.5	6.0	2.0	Grid-No. 3 volts, each section, 0			—	—	4BU8	
: Grid current adjusted for 100 microamperes DC											
For other characteristics, refer to Type 5GX7										4GX7	
For other characteristics, refer to Type 6GZ5										4GZ5	
135	— 1V	—	—	11.5	—	14500	72	—	—	4HA5/	
135	0Ω	—	—	19	—	20000	80	—	—	PC900	
250	— 8.5	—	—	10.5	7700	2200	17	—	—	4HA7	
250	— 2	—	—	1.2	62500	1800	100	—	—	4HA7	
For other characteristics, refer to Type 4HA7										4HA7/ 4HC7	
150	— 1	—	—	18	5200	4400	23	—	—	4HC7	
150	— 1	—	—	1	53000	1900	100	—	—	4HC7	
For other characteristics, refer to Type 6HM6										4HM6	
125	56Ω	125	4	15	143000	14000	—	—	—	4HT6	
For other characteristics, refer to Type 6JC6										4JC6	
For other characteristics, refer to Type 6KN8/6RHH8										4KN8/ 4RHH8	
250	820Ω	250	2.3	9	280000	3900	—	—	—	4LU6	
50	65Ω	250	15	40	—	—	—	—	—	4LU6	
Max. AC Volts per Plate (RMS), 550					Max. DC Output mA, 300			Min. Total Effect. Supply Imped. per Plate, 97 ohms			5AS4
Max. Peak Inverse Volts, 1550					Max. Peak Plate mA, 1000						5AS8
For other characteristics, refer to Type 6AS8										5AS8	
Max. DC Output mA, 325 for AC Volts per Plate, 400 and Total Effect. Supply Imped. per Plate, 50 ohms					Max. Peak Inverse Volts, 1400					Max. Peak Plate mA per Plate, 1075	5AU4
Max. DC Output mA, 325 for AC Volts per Plate, 500 and Input Choke 10 henries					Max. Peak Inverse Volts, 1400					Max. Peak Plate mA per Plate, 1075	5AU4
200	— 6V	—	—	13	5750	3300	19	—	—	5AV8	
200	180Ω	150	2.8	9.5	300000	6200	—	—	—	5AV8	
Max. Peak Inverse Volts, 1550					Max. Peak Plate mA per Plate, 750					5AW4	
For ratings and characteristics, refer to Type 5Y3GT										5AZ4	
200	— 6V	—	—	13	5750	3300	19	—	—	5B8	
200	180Ω	150	2.8	9.5	300000	6200	—	—	—	5B8	
Max. AC Volts per Plate (RMS), 500					Max. DC Output mA, 150					Max. Peak Plate mA per Plate, 1000	5BC3
Max. Peak Inverse Volts, 1700					Min. Total Effect. Supply Imped. per Plate, 21 ohms						
Max. AC Volts per Plate (RMS), 600					Max. DC Output mA, 150					Max. Peak Plate mA per Plate, 1000	5BE8
Max. Peak Inverse Volts, 1700					Min. Value of Input Choke, 10 henries						
150	56Ω	—	—	18	5000	8500	40	—	—	5BE8	
250	68Ω	110	3.5	10	400000	5200	—	—	—	5BE8	